

## **ISO PROJETOS EM VOTAÇÃO**

### **JULHO E AGOSTO**

#### **ISO/IEC JTC 1 - Information Technology**

ATÉ 20 DE JULHO DE 2015.

ISO/IEC/IEEE DIS 29119-5.2 Software and systems engineering - Software testing - Part 5: Keyword-driven testing.

ATÉ 18 DE AGOSTO DE 2015.

ISO/IEC 14443-3:2011/DAmD 4.2 - Identification cards - Contactless integrated circuit cards - Proximity cards - Part 3: Initialization and anticollision - Amendment 4: Handling rules of RFU bits.

ISO/IEC 14443-4:2008/DAmD 5.2 - Identification cards - Contactless integrated circuit cards - Proximity cards - Part 4: Transmission protocol - Amendment 5: Handling rules of RFU bits.

ISO/IEC 13818-1/DAmD 6 (Ed 3) - Information technology - Generic coding of moving pictures and associated audio information - Part 1: Systems - Amendment 6: Carriage of MPEG-H 3D audio over MPEG-2 Systems.

#### **ISO/TC 6 - Paper, board and pulps**

ATÉ 25 DE AGOSTO DE 2015.

ISO/DIS 8254-3 (Ed 2) - Paper and board - Measurement of specular gloss - Part 3: 20 degree gloss with a converging beam, TAPPI method.

#### **ISO/TC 8 - Ships and marine technology**

ATÉ 30 DE AGOSTO DE 2015.

ISO/DIS 19355 - Ships and Marine Technology-Marine cranes - Structural requirements.

ATÉ 29 DE SETEMBRO DE 2015.

ISO/DIS 19354 - Ships and marine technology - Marine cranes - General requirements.

ISO/DIS 19359 - Ships and marine technology - Marine cranes - Design methods for drums.

ATÉ 30 DE SETEMBRO DE 2015.

ISO/DIS 19356 - Ships and Marine Technology-Marine cranes - Test specification and procedures.

## **ISO/TC 22 - Road vehicles**

ATE 18 DE AGOSTO DE 2015.

ISO/DIS 12156-1.2 (Ed 3) - Diesel fuel - Assessment of lubricity using the high-frequency reciprocating rig (HFRR) - Part 1: Test method.

ATÉ 18 DE SETEMBRO DE 2015.

ISO/IEC DIS 23000-15 - Information technology - Multimedia application format (MPEG-A) - Part 15: Multimedia preservation application.

ISO/DIS 16332 - Diesel engines - Fuel filters - Method for evaluating fuel/water separation efficiency.

ATÉ 22 DE SETEMBRO DE 2015.

ISO/DIS 12103-1 (Ed 2) - Road vehicles - Test contaminants for filter evaluation - Part 1: Arizona test dust.

ISO/DIS 18243 - Electrically propelled mopeds and motorcycles - Test specification and safety requirements for lithium-ion battery system.

## **ISO/TC 23 - Tractors and machinery for agriculture and forestry**

ATE 20 DE AGOSTO DE 2015.

ISO/DIS 25358 - Crop protection equipment - Droplet-size spectra from atomizers - Measurement and classification.

## **ISO/TC 28 - Petroleum products and related products of synthetic or biological origin**

ATE 18 DE SETEMBRO DE 2015.

ISO/DIS 2719 (Ed 4) - Determination of flash point - Pensky-Martens closed cup method.

## **ISO/TC 27 - Solid mineral fuels**

ATE 29 DE SETEMBRO DE 2015.

ISO/DIS 7404-1 (Ed 3) - Methods for the petrographic analysis of bituminous coal and anthracite - Part 1: Vocabulary.

### **ISO/TC 29 - Small tools**

ATÉ 29 DE SETEMBRO DE 2015.

ISO/DIS 9242 (Ed 2) - Pliers and nippers - Construction worker's pincers - Dimensions and test values.

### **ISO/TC 35 - Paints and varnishes**

ATÉ 25 DE AGOSTO DE 2015.

ISO/DIS 19396-1 - Paints and varnishes - Determination of pH value - Part 1: pH electrodes with glass membrane.

ISO/DIS 19396-2 - Paints and varnishes - Determination of pH value - Part 2: pH electrodes with ISFET technology.

### **ISO/TC 37 - Terminology and other language and content resources**

ATÉ 19 DE AGOSTO DE 2015.

ISO/DIS 18587 - Translation services - Post-editing of machine translation output - Requirements.

ATÉ 30 DE SETEMBRO DE 2015.

ISO/DIS 24617-6 - Language resource management - Semantic annotation framework - Part 6: Principles of semantic annotation (SemAF Principles).

### **ISO/TC 43 - Acoustics**

ATÉ 14 DE AGOSTO DE 2015.

ISO 389-7:2005/DAmD 1 - Acoustics - Reference zero for the calibration of audiometric equipment - Part 7: Reference threshold of hearing under free-field and diffuse-field listening conditions - Amendment 1: Reference th...

ATÉ 02 DE SETEMBRO DE 2015.

ISO/DIS 1996-2 (Ed 3) - Acoustics - Description, measurement and assessment of environmental noise - Part 2: Determination of environmental noise levels.

### **ISO/TC 44 - Welding and allied processes**

ATÉ 21 DE JULHO DE 2015.

ISO/DIS 15614-1.2 (Ed 2) - Specification and qualification of welding procedures for metallic materials - Welding procedure test - Part 1: Arc and gas welding of steels and arc welding of nickel and nickel alloys.

ATÉ 14 DE AGOSTO DE 2015.

ISO/DIS 3677 (Ed 3) - Filler metal for soft soldering, brazing and braze welding - Designation.

ATÉ 18 DE SETEMBRO DE 2015.

ISO/DIS 17635 (Ed 3) - Non-destructive testing of welds - General rules for metallic materials - Complementary element.

### **ISO/TC 45 - Rubber and rubber products**

ATÉ 20 DE AGOSTO DE 2015.

ISO/DIS 11424 (Ed 2) - Rubber hoses and tubing for air and vacuum systems for internal-combustion engines - Specification.

ISO/DIS 11759 (Ed 2) - Rubber hoses and hose assemblies for dispensing liquefied petroleum gases (LPGs) - Specification.

ISO/DIS 18898 (Ed 3) - Rubber - Calibration and verification of hardness testers.

ISO/DIS 21561-2 - Styrene-butadiene rubber (SBR) - Determination of the microstructure of solution-polymerized SBR - Part 2: FTIR with ATR method.

ISO/DIS 247 (Ed 5) - Rubber - Determination of ash.

ISO/DIS 2782-1 (Ed 2) - Rubber, vulcanized or thermoplastic - Determination of permeability to gases - Part 1: Differential-pressure methods.

ISO/DIS 289-2 (Ed 2) - Rubber, unvulcanized - Determinations using a shearing-disc viscometer - Part 2: Determination of pre-vulcanization characteristics.

ISO/DIS 19246 - Rubber compounding ingredients - Silica - Oil absorption of precipitated silica.

ATÉ 26 DE AGOSTO DE 2015.

ISO/DIS 13775-2 (Ed 2) - Thermoplastic tubing and hoses for automotive use - Part 2: Petroleum-based-fuel applications.

ATÉ 2 DE SETEMBRO DE 2015.

ISO/DIS 11852 (Ed 2) - Rubber - Determination of magnesium content of field natural rubber latex by titration.

ATÉ 18 SETEMBRO DE 2015.

ISO/DIS 6806 (Ed 4) - Rubber hoses and hose assemblies for use in oil burners - Specification.

ATÉ 19 DE SETEMBRO DE 2015.

ISO/DIS 23233 (Ed 2) - Rubber, vulcanized or thermoplastic - Determination of resistance to abrasion using a driven, vertical abrasive disc.

ATÉ 24 DE SETEMBRO DE 2015.

ISO/DIS 6101-5 (Ed 3) - Rubber - Determination of metal content by atomic absorption spectrometry - Part 5: Determination of iron content.

ATÉ 29 DE SETEMBRO DE 2015.

ISO/DIS 6804 (Ed 4) - Rubber and plastics inlet hoses and hose assemblies for washing-machines and dishwashers - Specification.

ATÉ 02 DE OUTUBRO DE 2015.

ISO/DIS 8033 (Ed 4) - Rubber and plastics hoses - Determination of adhesion between components.

### **ISO/TC 61 - Plastics**

ATÉ 19 DE AGOSTO DE 2015.

ISO/DIS 19679 - Plastics - Determination of aerobic biodegradation of non-floating plastic materials in a seawater/sediment interface - Method by analysis of evolved carbon dioxide.

ATÉ 21 DE AGOSTO DE 2015.

ISO/DIS 20568-1 - Plastics - Fluoropolymer dispersion and moulding and extrusion materials - Part 1: Designation system and basis for specifications.

ATÉ 28 DE AGOSTO DE 2015.

ISO/DIS 20568-2 - Plastics - Fluoropolymer dispersion and moulding and extrusion materials - Part 2: Preparation of test specimens and determination of properties.

ATÉ 18 DE SETEMBRO DE 2015.

ISO/DIS 20028-1 - Plastics - Thermoplastic polyester (TP) moulding and extrusion materials - Part 1: Designation system and basis for specifications.

ISO/DIS 20028-2 - Plastics - Thermoplastic polyester (TP) moulding and extrusion materials - Part 2: Preparation of test specimens and determination of properties.

ISO/DIS 294-5 (Ed 3) - Plastics - Injection moulding of test specimens of thermoplastic materials - Part 5: Preparation of standard specimens for investigating anisotropy.

**ISO/TC 67 - Materials, equipment and offshore structures for petroleum, petrochemical and natural gas industries**

ATÉ 24 DE SETEMBRO DE 2015.

ISO/DIS 19008 - Standard Cost Coding System for oil and gas production and processing facilities.

**ISO/TC 68 - Financial services**

ATÉ 22 DE SETEMBRO DE 2015.

ISO/DIS 9564-1 (Ed 4) - Financial services - Personal Identification Number (PIN) management and security - Part 1: Basic principles and requirements for PINs in card-based systems.

**ISO/TC 79 - Light metals and their alloys**

ATÉ 21 DE AGOSTO DE 2015.

ISO/DIS 3210 (Ed 4) - Anodizing of aluminium and its alloys -- Assessment of quality of sealed anodic oxidation coatings by measurement of the loss of mass after immersion in acid solution(s).

**ISO/TC 84 - Devices for administration of medicinal products and catheters**

ATÉ 18 DE SETEMBRO DE 2015.

ISO/DIS 11608-7 - Needle-based injection systems for medical use - Requirements and test methods - Part 7: Accessibility for persons with visual impairment.

**ISO/TC 89 - Wood-based panels**

ATÉ 25 DE AGOSTO DE 2015.

ISO/DIS 17064 (Ed 2) - Wood-based panels - Fibreboard, particleboard and oriented strand board (OSB) - Vocabulary.

**ISO/TC 106 - Dentistry**

ATÉ 18 DE SETEMBRO DE 2015.

ISO/DIS 18618 - Dentistry - Interoperability of CAD/CAM Systems.

### **ISO/ TC 107 - Metallic and other inorganic coatings**

ATÉ 18 DE SETEMBRO DE 2015.

ISO/DIS 19598 - Metallic coatings - Electroplated coatings of zinc and zinc alloys on iron or steel with supplementary Cr(VI)-free treatment.

### **ISO/TC 112 - Vacuum technology**

ATÉ 02 DE SETEMBRO DE 2015.

ISO/DIS 3669 (Ed 2) - Vacuum technology - Bakeable flanges - Dimensions of knife-edge flanges.

### **ISO/TC 122 - Packaging**

ATÉ 18 DE SETEMBRO DE 2015.

ISO/DIS 13355 (Ed 2) - Packaging - Complete, filled transport packages and unit loads - Vertical random vibration test.

ATÉ 29 DE SETEMBRO DE 2015.

ISO/DIS 17451-1 - Packaging - Codification of Contents for Inventories for Shipments of Household Goods and Personal Effects - Part 1: Alphanumeric Codification of Inventories and Manifests.

### **ISO/TC 131 - Fluid power systems**

ATÉ 19 DE SETEMBRO DE 2015.

ISO/DIS 11943 (Ed 2) - Hydraulic fluid power - On-line automatic particle-counting systems for liquids - Methods of calibration and validation.

### **ISO/TC 138 - Plastics pipes, fittings and valves for the transport of fluids**

ATÉ 23 DE SETEMBRO DE 2015.

ISO/DIS 8513 (Ed 3) - Plastics piping systems - Glass-reinforced thermosetting plastics (GRP) pipes - Test methods for the determination of the initial longitudinal tensile strength.

## **ISO/TC 142 - Cleaning equipment for air and other gases**

ATÉ 14 DE AGOSTO DE 2015.

ISO/DIS 16890-3 - Air filters for general ventilation - Part 3: Determination of the gravimetric efficiency and the air flow resistance versus the mass of test dust captured.

ISO/DIS 16890-4 - Air filters for general ventilation - Part 4: Conditioning method to determine the minimum fractional test efficiency.

## **ISO/TC 146 - Pigments, dyestuffs and extenders**

ATÉ 29 DE AGOSTO DE 2015.

ISO/DIS 17179 - Stationary source emissions - Determination of the mass concentration of ammonia in flue gas - Performance characteristics of automated measuring systems.

ISO/DIS 16000-33 - Indoor air - Part 33: Determination of phthalates with gas chromatography/mass spectrometry (GC/MS).

## **ISO/TC 150 - Implants for surgery**

ATÉ 14 DE AGOSTO DE 2015.

ISO 21535:2007/DAmD 1 - Non-active surgical implants - Joint replacement implants - Specific requirements for hip-joint replacement implants - Amendment 1

ATÉ 22 DE SETEMBRO DE 2015.

ISO/DIS 18531 - Implants for surgery - Calcium phosphate bioceramics - Characterization of hardening bone paste materials.

## **ISO/TC 153 - Valves**

ATÉ 23 DE SETEMBRO DE 2015.

ISO/DIS 7121 (Ed 3) - Steel ball valves for general-purpose industrial applications.

## **ISO/TC 156 - Corrosion of metals and alloys**

ATÉ 22 DE SETEMBRO DE 2015.

ISO/DIS 18298 - Corrosion of metals and alloys - Corrosion test for intergranular corrosion susceptibility of low - Cr ultrapure ferritic stainless steels.

### **ISO/TC 159 - Ergonomics**

ATÉ 18 DE SETEMBRO DE 2015.

ISO/DIS 7243 (Ed 3) - Ergonomics of the thermal environment - Assessment of heat stress using the WBGT (wet bulb globe temperature) index.

### **ISO/TC 164 - Mechanical testing of metals**

ATÉ 01 DE SETEMBRO DE 2015.

ISO/DIS 9649 (Ed 2) - Metallic materials - Wire - Reverse torsion test.

### **ISO/TC 165 - Timber structures**

ATÉ 29 DE AGOSTO DE 2015.

ISO/DIS 12578 (Ed 2) - Timber structures - Glued laminated timber - Component performance and production requirements.

### **ISO/TC 172 - Optics and photonics**

ATÉ 20 DE AGOSTO DE 2015.

ISO/DIS 10110-11 (Ed 2) - Optics and photonics - Preparation of drawings for optical elements and systems - Part 11: Non-toleranced data

ATÉ 18 DE SETEMBRO DE 2015.

ISO/DIS 12870 (Ed 4) - Ophthalmic optics - Spectacle frames - Requirements and test methods.

### **ISO/TC 173 - Assistive products for persons with disability**

ATÉ 22 DE AGOSTO DE 2015.

ISO/DIS 19028 - Accessible design - Information contents, figuration and display methods of tactile guide maps.

ATÉ 08 DE SETEMBRO DE 2015.

Design principles for communication support board using pictorial symbols.

### **ISO/TC 188 - Small craft**

ATÉ 11 DE SETEMBRO DE 2015.

ISO/DIS 12402-2 (Ed 2) - Personal flotation devices - Part 2: Lifejackets, performance level 275 - Safety requirements.

ISO/DIS 12402-3 (Ed 2) - Personal flotation devices - Part 3: Lifejackets, performance level 150 - Safety requirements.

ISO/DIS 12402-4 (Ed 2) - Personal flotation devices - Part 4: Lifejackets, performance level 100 - Safety requirements.

ISO/DIS 12402-5 (Ed 2) - Personal flotation devices - Part 5: Buoyancy aids (level 50) - Safety requirements.

ISO/DIS 12402-7 (Ed 2) - Personal flotation devices - Part 7: Materials and components - Safety requirements and test methods.

ISO/DIS 12402-8 (Ed 2) - Personal flotation devices - Part 8: Accessories - Safety requirements and test methods.

ISO/DIS 12402-9 (Ed 2) - Personal flotation devices - Part 9: Test methods.

### **ISO/TC 189 - Ceramic tile**

ATÉ 21 DE AGOSTO DE 2015.

ISO/DIS 10545-16 (Ed 3) - Ceramic tiles - Part 16: Determination of small colour differences and light reflectance values.

### **ISO/TC 190 - Soil quality**

ATÉ 22 DE AGOSTO DE 2015.

ISO/DIS 18400-100 - Soil quality - Sampling - Part 100: Umbrella.

### **ISO/TC 204 - Intelligent transport systems**

ATÉ 29 DE SETEMBRO DE 2015.

ISO/DIS 19083-1 - Intelligent transport systems - Public transport - Emergency evacuation and disaster response and recovery - Part 1: Framework.

### **ISO/TC 207 - Environmental management**

ATÉ 08 DE SETEMBRO DE 2015.

ISO/DIS 14034 - Environmental management - Environmental technology verification (ETV).

### **ISO/TC 213 - Dimensional and geometrical product specifications and verification**

ATÉ DIA 11 DE AGOSTO DE 2015.

ISO/DIS 14405-3.2 - Geometrical product specifications (GPS) - Dimensional tolerancing - Part 3: Angular sizes.

ATÉ DIA 11 DE SETEMBRO DE 2015.

ISO/DIS 17450-4 - Geometrical product specification (GPS) - Basic concepts - Part 4: Geometrical characteristics for quantifying form, orientation, location and run-out deviation.

ISO/DIS 25178-71 (Ed 2) - Geometrical product specifications (GPS) - Surface texture: Areal - Part 71: Software measurement standards.

ISO/DIS 5458 (Ed 3) - Geometrical Product Specifications (GPS) - Geometrical tolerancing - Positional and pattern tolerancing.

### **ISO/TC 232 – Learning services outside formal education**

ATÉ 20 DE AGOSTO DE 2015.

ISO/DIS 19366 -Learning services outside formal education - Requirements

### **ISO/TC 249 - Traditional chinese medicine**

ATÉ 24 DE AGOSTO DE 2015.

ISO/DIS 18746 - Traditional Chinese Medicine - Intradermal acupuncture needles.

### **ISO/TC 264 – Fireworks**

ATÉ 01 DE SETEMBRO DE 2015.

ISO/DIS 25947-1 - Fireworks - Categories 1, 2 and 3 - Part 1: Terminology.

ISO/DIS 25947-2 - Fireworks - Categories 1, 2 and 3 - Part 2: Categories and types.

ISO/DIS 25947-3 - Fireworks - Categories 1, 2 and 3 - Part 3: Minimum labelling requirements.

ISO/DIS 25947-4 - Fireworks - Categories 1, 2 and 3 - Part 4: Test methods.

ISO/DIS 25947-5 - Fireworks - Categories 1, 2 and 3 - Part 5: Requirements for construction and performance.